



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

CNL-18-107

August 24, 2018

10 CFR 50.54(q)  
10 CFR 72.44(f)

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Browns Ferry Nuclear Plant, Units 1, 2, and 3  
Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68  
NRC Docket Nos. 50-259, 50-260, 50-296, and 72-052

Sequoyah Nuclear Plant, Units 1 and 2  
Renewed Facility Operating License Nos. DPR-77 and DPR-79  
NRC Docket Nos. 50-327, 50-328, and 72-034

Watts Bar Nuclear Plant, Units 1 and 2  
Facility Operating License Nos. NPF-90 and NPF-96  
NRC Docket Nos. 50-390, 50-391, and 72-1048

**SUBJECT: Tennessee Valley Authority - Radiological Emergency Plan and Central  
Emergency Control Center Emergency Plan Implementing Procedure  
Revisions**

References:

1. NRC letter to TVA, "Browns Ferry Nuclear Plant, Units 1, 2, and 3; Sequoyah Nuclear Plant, Units 1 and 2; Watts Bar Nuclear Plant, Units 1 and 2 - Issuance of Amendments Regarding Request to Upgrade Emergency Action Level Scheme (CAC Nos. MF9054, MF9055, MF9056, MF9057, MF9058, MF9059, and MF9060; EPID L-2017-LLA-0160)," dated December 22, 2017 (ML17289A032)
2. Nuclear Energy Institute document NEI 99-01, "Development of Emergency Action Levels for Non-Passive Reactors," Revision 6, dated November 2012 (ML12326A805)
3. NRC letter to TVA, "Browns Ferry Nuclear Plant, Units 1, 2, and 3; Sequoyah Nuclear Plant, Units 1 and 2; Watts Bar Nuclear Plant, Units 1 and 2 - Correction to an Omitted Reference for License Amendments Regarding Request to Upgrade Emergency Action Level Scheme (CAC Nos. MF9054, MF9055, MF9056, MF9057, MF9058, MF9059, and MF9060; EPID L-2017-LLA-0160)," dated May 29, 2018 (ML18138A452)

In accordance with the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 50.54(q)(4) and 10 CFR 72.44(f), Tennessee Valley Authority (TVA) is submitting a description of changes to the TVA Central Emergency Control Center (CECC) Emergency Plan Implementing Procedure (EPIP).

In Reference 1, the NRC approved Watts Bar Nuclear Plant (WBN), Sequoyah Nuclear Plant (SQN) and Browns Ferry Nuclear Plant (BFN) implementation of an Emergency Action Level (EAL) scheme based on the guidance contained in Reference 2, Nuclear Energy Institute (NEI) document NEI 99-01, Revision 6. The Nuclear Regulatory Commission (NRC) approval was later corrected by Reference 3 that added a reference to previously omitted TVA responses to requests for additional information. Based on the above information, TVA has updated EPIP-1 as described below.

The affected document is EPIP-1 as indicated in Table 1 below.

<b><u>Table 1</u></b>			
<b><u>Document</u></b>	<b><u>Revision</u></b>	<b><u>Title</u></b>	<b><u>Effective Date</u></b>
EPIP-1	66	Central Emergency Control Center (CECC) Operations	8/06/2018

**Description of Changes and Summary of Analysis**

CECC EPIP-1 was revised to update instances of Emergency Action Level (EAL) to Initiating Condition (IC) throughout the procedure in order to align with terminology from NEI 99-01, Revision 6, and added EAL and IC to the abbreviations and definitions list. In addition, this revision included clarifying the language in Appendix B General Operations Item 3, Appendix E Item 4, Appendix F Item 4, and Appendix G Item 6. Other minor editorial changes were also made.

The above changes were evaluated in accordance with 10 CFR 50.54(q)(3) and 10 CFR 72.44(f). TVA determined that the changes did not reduce the effectiveness of the TVA REP. The TVA REP, EIPs, and EDPD, as revised, continue to meet the requirements in Appendix E to 10 CFR 50 and the planning standards of 10 CFR 50.47(b).

There are no new regulatory commitments in this letter. If you have any questions regarding this submittal, please contact Ed Schrull at (423) 751-3850.

Respectfully,



E. K. Henderson  
Director, Nuclear Regulatory Affairs

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cc:

NRC Regional Administrator - Region II  
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant  
NRC Senior Resident Inspector - Sequoyah Nuclear Plant  
NRC Senior Resident Inspector - Watts Bar Nuclear Plant  
NRR Project Manager - Browns Ferry Nuclear Plant  
NRR Project Manager - Sequoyah Nuclear Plant  
NRR Project Manager - Watts Bar Nuclear Plant  
NRC Director - Division of Spent Fuel Management, NMSS